

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

SUGIYAMA, M. et al.

Serial No. 10/659,358



Atty ARC-427-83

Dkt.

C# M#

TC/A.U. 1745

Examiner: Wills

Filed: September 11, 2003

Date: May 30, 2007

Title: SEPARATOR FOR LITHIUM ION SECONDARY BATTERY AND LITHIUM ION  
SECONDARY BATTERY AND LITHIUM ION SECONDARY BATTERY PROVIDED  
THEREWITHCommissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**RESPONSE/AMENDMENT/LETTER**

This is a response/amendment/letter in the above-identified application and includes an attachment which is hereby incorporated by reference and the signature below serves as the signature to the attachment in the absence of any other signature thereon.

 **Correspondence Address Indication Form Attached.****Fees are attached as calculated below:**

Total effective claims after amendment	0	minus highest number	
previously paid for	20	(at least 20) =	0 x \$50.00
			\$0.00 (1202)/\$0.00 (2202) \$

Independent claims after amendment	0	minus highest number	
previously paid for	3	(at least 3) =	0 x \$200.00
			\$0.00 (1201)/\$0.00 (2201) \$

If proper multiple dependent claims now added for first time, (ignore improper); add  
\$360.00 (1203)/\$180.00 (2203) \$

Petition is hereby made to extend the current due date so as to cover the filing date of this  
paper and attachment(s)

One Month Extension	\$120.00 (1251)/\$60.00 (2251)
Two Month Extensions	\$450.00 (1252)/\$225.00 (2252)
Three Month Extensions	\$1020.00 (1253)/\$510.00 (2253)
Four Month Extensions	\$1590.00 (1254)/\$795.00 (2254)
Five Month Extensions	\$2160.00 (1255)/\$1080.00 (2255) \$

Terminal disclaimer enclosed, add  
\$130.00 (1814) / \$65.00 (2814) \$

Applicant claims "small entity" status.  Statement filed herewith

Rule 56 Information Disclosure Statement Filing Fee	\$180.00 (1806)	\$	0.00
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Assignment Recording Fee	\$40.00 (8021)	\$	0.00
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Other:		\$	0.00
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<b>TOTAL FEE</b>	<b>\$</b>	<b>0.00</b>
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 **CREDIT CARD PAYMENT FORM ATTACHED.**

The Commissioner is hereby authorized to charge any deficiency, or credit any overpayment, in the fee(s) filed, or asserted to be filed, or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Account No. 14-1140. A duplicate copy of this sheet is attached.

901 North Glebe Road, 11th Floor  
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NIXON & VANDERHYE P.C.  
By Atty: Arthur R. Crawford Reg. No. 25,327

Signature: \_\_\_\_\_



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of

SUGIYAMA, M. et al. Atty. Ref.: 427-83; Confirmation No. 5550

Appl. No. 10/659,358 TC/A.U. 1745

Filed: September 11, 2003 Examiner: Wills

For: SEPARATOR FOR LITHIUM ION SECONDARY BATTERY AND LITHIUM ION  
SECONDARY BATTERY AND LITHIUM ION SECONDARY BATTERY PROVIDED  
THEREWITH

\* \* \* \* \*

May 30, 2007

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**RESPONSE TO REQUIREMENT FOR ELECTION OF SPECIES**

This is responsive to the Official Action of May 3, 2007 in which applicants are required to elect a single disclosed species among the three listed on page 2 of the Official Action which, presumably, tracks with the three choices given in original claim 12.

In response, applicants elect as the single “vinylidene fluoride resin” specie a homopolymer of vinylidene fluoride, the first choice given in claim 12. This homopolymer of vinylidene fluoride is used in Examples 1-9 of the application.

Also, as requested in the Official Action, claims 1-4, 7-9, 12 and 13 “read on” the elected species.

It is counsel’s understanding that once a generic claim, for instance claim 1, is allowed, consideration will be given to the additional two species listed in claim 12.

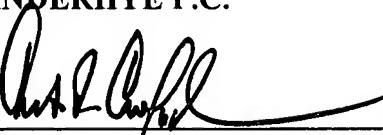
Further examination on the merits is awaited taking into account the documents identified in the Information Disclosure Statement filed December 14, 2006.

SUGIYAMA, M. et al.  
Appl. No. 10/659,358  
May 30, 2007

Respectfully submitted,

NIXON & VANDERHYE P.C.

By: \_\_\_\_\_



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